

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
ALLEYN2.001AAPPLICATION NO.  
10/655,852INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Neville AlleyneFILING DATE  
September 5, 2003GROUP  
3738

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |   | DOCUMENT NUMBER | DATE      | NAME           | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
|---------------------|---|-----------------|-----------|----------------|-------|----------|---------------------------------|
| <i>JPB</i>          | 1 | 5,437,672       | 8/1/1995  | Alleyne        |       |          |                                 |
| <i>JPB</i>          | 2 | 5,868,745       | 2/9/1999  | Alleyne        |       |          |                                 |
| <i>JPB</i>          | 3 | 6,261,586       | 7/17/2001 | McKay          |       |          |                                 |
| <i>JPB</i>          | 4 | 6,409,765       | 6/25/2002 | Bianchi et al. |       |          |                                 |
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## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
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|                     |  |                 |      |         |       |          | YES         | NO |
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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DATE CONSIDERED

12/22/05

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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|---------------------|----|-----------------|---------|-----------------|-------|----------|---------------------------------|
| JAB                 | 1  | 2,443,481       | 6/1948  | Sene            |       |          |                                 |
|                     | 2  | 3,044,497       | 7/1962  | Rebut           |       |          |                                 |
|                     | 3  | 3,108,399       | 4/1963  | Eitenmuller     |       |          |                                 |
|                     | 4  | 3,256,877       | 6/1966  | Haboush         |       |          |                                 |
|                     | 5  | 3,693,616       | 9/1972  | Roaf            |       |          |                                 |
|                     | 6  | 3,993,078       | 11/1976 | Bergentz et al. |       |          |                                 |
|                     | 7  | 4,013,078       | 3/1977  | Field           |       |          |                                 |
|                     | 8  | 4,023,569       | 5/1977  | Warnecke        |       |          |                                 |
|                     | 9  | 4,134,399       | 1/1979  | Halderson       |       |          |                                 |
|                     | 10 | 4,164,794       | 8/1979  | Spector         |       |          |                                 |
|                     | 11 | 4,401,112       | 8/1983  | Rezaian         |       |          |                                 |
|                     | 12 | 4,583,541       | 4/1986  | Barry           |       |          |                                 |
|                     | 13 | 4,599,085       | 7/1986  | Riess           |       |          |                                 |
|                     | 14 | 4,599,086       | 7/1986  | Doty            |       |          |                                 |
|                     | 15 | 4,603,695       | 8/1986  | Ikada et al.    |       |          |                                 |
|                     | 16 | 4,705,031       | 11/1987 | Wolter          |       |          |                                 |
|                     | 17 | 4,773,402       | 9/1988  | Asher           |       |          |                                 |
|                     | 18 | 4,794,918       | 1/1989  | Wolter          |       |          |                                 |
|                     | 19 | 4,892,545       | 1/1990  | Day et al.      |       |          |                                 |
|                     | 20 | 4,973,332       | 11/1990 | Kummer          |       |          |                                 |
|                     | 21 | 5,000,166       | 3/1991  | Karpf           |       |          |                                 |
|                     | 22 | 5,041,113       | 8/1991  | Biedermara      |       |          |                                 |
|                     | 23 | 5,052,373       | 10/1991 | Michelson       |       |          |                                 |
|                     | 24 | 5,108,395       | 4/1992  | Laurain         |       |          |                                 |
|                     | 25 | 5,113,685       | 5/1992  | Asher           |       |          |                                 |
|                     | 26 | 5,139,498       | 8/1992  | Astudillo       |       |          |                                 |
| JAB                 | 27 | 5,190,759       | 3/1993  | Lindlad et al.  |       |          |                                 |

EXAMINER

Jordan R. Barker




DATE CONSIDERED

12/22/05

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|---|--|----------------------------------|-------------------------------|
| FORM PTO-1449   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>SDISC.004A   | APPLICATION NO.<br>10/855,852 |
| INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT<br><br>(USE SEVERAL SHEETS IF NECESSARY) |  | APPLICANT<br>Neville Alleyne     |                               |
|   |  | FILING DATE<br>September 5, 2003 | GROUP<br>3738                 |

| U.S. PATENT DOCUMENTS |    |                 |         |                |       |          |                                 |
|-----------------------|----|-----------------|---------|----------------|-------|----------|---------------------------------|
| EXAMINER<br>INITIAL   |    | DOCUMENT NUMBER | DATE    | NAME           | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
| JAB                   | 28 | 5,242,443       | 9/1993  | Kambin         |       |          |                                 |
|                       | 29 | 5,261,908       | 11/1993 | Campbell       |       |          |                                 |
|                       | 30 | 5,366,455       | 11/1994 | Dove           |       |          |                                 |
|                       | 31 | 5,437,672       | 8/1995  | Alleyne        |       |          |                                 |
|                       | 32 | 5,868,745       | 2/1999  | Alleyne        |       |          |                                 |
|                       | 33 | 6,261,586 B1    | 7/2001  | McKay          |       |          |                                 |
| JAB                   | 34 | 6,409,765 B1    | 1/2002  | Bianchi et al. |       |          |                                 |

| FOREIGN PATENT DOCUMENTS  |    |                 |         |         |       |          |             |    |
|---|----|-----------------|---------|---------|-------|----------|-------------|----|
| EXAMINER<br>INITIAL   |    | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|   |    |                 |         |         |       |          | YES         | NO |
|  | 35 | 052880          | 8/1945  | FR      |       |          |             |    |
|  | 36 | 1004625         | 4/1952  | FR      |       |          |             |    |
|  | 37 | 2386301         | 11/1978 | FR      |       |          |             |    |

| EXAMINER<br>INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |   |
|---------------------|--|---|
| JAB                 | 38   | Barbera et al. (1978) Prophylaxis of the laminectomy membrane: An experimental study in dogs. J. Neurosurg. 49: 419-424.  |
| JAB                 | 39   | Boot et al. (1987) The Prevention of Adhesions after Laminectomy: Adverse Results of Zenoderm Implantations into Laminectomy Sites in Rabbits. Clin. Orthopedics & Related Res. 215: 296-302. |
| JAB                 | 40   | Cooper et al. (1991) The Role of Epidural Fibrosis and Defective Fibrinolysis in the Persistence of Postlaminectomy Back Pain. Spine. 16 (9): 1044-1048.                                      |
| JAB                 | 41   | Gill et al. (1981) Letters. Spine. 6 (2): 191-192.  |
| JAB                 | 42   | Gill et al. (1979) Pedicle Fat Grafts for the Prevention of Scar Formation After Laminectomy: An Experimental Study in Dogs. Spine. 4 (2): 176-186.   |
| JAB                 | 43   | Jacobs et al. (1980) Control of Postlaminectomy Scar Formation: An Experimental and Clinical Study. Spine. 5 (3): 223-229.  |
| JAB                 | 44   | Keller et al. (1978) The fate of autogenous grafts to the spinal dura: An experimental study. J. Neurosurg. 49: 412-418.  |
| JAB                 | 45   | Kiviluoto, O. (1976) Use of Free Fat Transplants to Prevent Epidural Scar Formation: An Experimental Study. Acta Orthopaedica Scandinavica. 164: 7-70.  |
| JAB                 | 46   | Kuivila et al. (1988) Heparinized Materials for Control of the Formation of the Laminectomy Membrane in Experimental Laminectomies in Dogs. Clin. Orthopedics & Related Res. 236: 166-174.    |

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| EXAMINER   | <i>John R. Bauler</i> | DATE CONSIDERED | 12/22/05 |
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|---------------------|---|
| JLB                 | 47 LaRocca et al. (1974) The Laminectomy Membrane: Studies in its Evolution, Characteristics, Effects and Prophylaxis in Dogs. J. Bone and Joint Surg. 56: 545-550.             |
|                     | 48 Lawson et al. (1991) Lamina Repair and Replacement to Control Laminectomy Membrane Formation in Dogs. Spine. 16 (6): S222-S226.  |
|                     | 49 Lee et al. (1984) Prevention of Postlaminectomy Scar Formation. Spine. 9 (3): 305-312.   |
|                     | 50 Mikawa et al. (1986) An Experimental Study on Prevention of Postlaminectomy Scar Formation by Use of New Materials. Spine. 11 (8): 843-846.                                  |
|                     | 51 Nussbaum et al. (1990) Use of Vicryl (Polyglactin 910) Mesh to Limit Epidural Scar Formation after Laminectomy. Neurosurgery. 26 (4): 649-654.                               |
|                     | 52 Songer et al. (1990) Effects of Sodium Hyaluronate on Peridural Fibrosis After Lumbar Laminotomy and Discectomy. Spine. 15 (6): 550-554.                                     |
|                     | 53 Verardi, G. (1990) Fat graft for the prevention of scar formation after laminectomy (macroscopic and microscopic findings in a case report). Chir. Organi. Mov. 65: 147-151. |
| JLB                 | 54 Wujek et al. (1991) A Carbohydrate Polymer that Effectively Prevents Epidural Fibrosis at Laminectomy Sites in the Rat. Exp. Neurology. 114: 237-245.                        |

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| EXAMINER <i>Jossem E. Bayler</i>   | DATE CONSIDERED <i>12/22/05</i> |
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